user manual

may be changed without notice.

Important Warranty Information Regarding Television Format Viewing

Always try to display any image on full screen, use TV set picture format menu for screen width to screen height) are primarily designed to display wide screen format full-motion video. The images displayed on them should primarily be in the wide screen 16:9 ratio format, or expanded to fill the screen if your model offers this feature and the images are constantly moving. Displaying stationary graphics and images on screen, such as the dark sidebars on non-expanded standard format television video and programming, should be limited to no more than 5% of the total television viewing per week. Additionally, viewing other stationary images and text such as stock market crawls, video game displays, station logos, web sites or computer graphics and patterns, should be limited as described above for all televisions. Displaying stationary images that exceed the above guidelines can cause uneven aging of LED Displays that leave subtle, but permanent burned-in ghost images in the LED picture. To avoid this, vary the programming and images, and primarily display full screen moving images, not stationary patterns or dark bars. On LED models that offer picture sizing features, use these controls to view different formats as a full screen picture. Be careful in the selection and duration of television formats you use for viewing. Uneven LED aging as a result of format selection and use, as well as burned-in images, are not covered by your Samsung limited warranty.
 Always try to display any image on full sex possible match.
 Readuce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
 Frequently use all TV features designed to reduce image retention and screen burnout, refer to proper user manual section for details.
 Securing the Installation Space
 Weep the required distances between the product.
 When using a stand or wall-mount, use parts provided by s

SAMSUNG FLECTRONICS NORTH AMERICAN LIMITED WARRANTY

Subject to the requirements, conditions, exclusions and limitations of the original Limited Warranty supplied with Samsung Electronics (SAMSUNG) products, and the requirements, conditions, exclusions and limitations contained herein, SAMSUNG will additionally provide Warranty Repair Service in the United States on SAMSUNG products purchased in Canada, and in Canada on SAMSUNG products purchased in the United States, for the warranty period originally specified, and to the Original

The above described warranty repairs must be performed by a SAMSUNG Authorized The above described warranty repairs must be performed by a SAMSUNG Authorized Service Center. Along with this Statement and the Original Limited Warranty Statement, a dated Bill of Sale as Proof of Purchase must be presented to the Service Center. Transportation to and from the Service Center is the responsibility of the purchaser. Conditions covered are limited only to manufacturing defects in material or workmanship, and only those encountered in normal use of the product. Exclusions include, but are not limited to, any originally specified provisions for in-home or on-site services, minimum or maximum repair times, exchanges or replacements, accessories, options, upgrades, or consumables.

For the location of a SAMSUNG Authorized Service Center, please call toll-free:

In the Inited States: 1-800-SAMSI INIG (1-800-726-7864)

In the United States: 1-800-SAMSUNG (1-800-726-7864) - In Canada : 1-800-SAMSUNG

Avoid displaying still images (such as joeg picture files) or still image elements (such as TV channel logos, panorama or 4:3 image format, stock or news bars at screen bottom etc.) on the screen. Constant displaying of still pictures can cause ghosting of LED screen, which will affect image quality. To reduce risk of this effect, please follow

400C

5003

- Avoid displaying the same TV channel for long periods
- Always try to display any image on full screen, use TV set picture format menu for

Failing to do so may result in fire or a problem with the product due to an increase in

- When using a stand or wall-mount, use parts provided by Samsung Electronics
- Be careful when you contact the TV because some parts can be somewhat hot.

Installation with a stand.	Installation with a wall-mount.	
4inches 4inches	4inches 4inches 4inches 4inches	-

Contact SAMSUNG WORLD WIDE

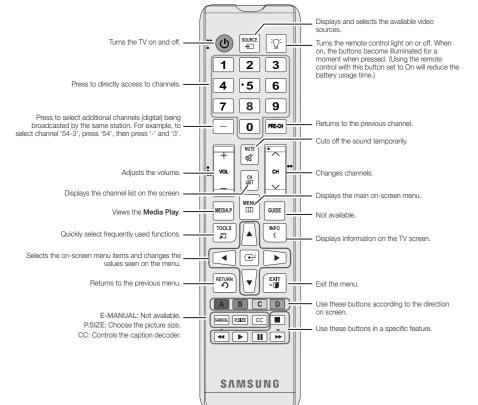
If you have any questions or comments relating to Samsung products please contact the SAMSUNG customer care center.

Country	CANADA	U.S.A
Address	Samsung Electronics Canada Inc. 2050 Derry Road West, Mississauga, Ontario L5N 0B9 Canada	Samsung Electronics Ameri Inc. 85 Challenger Road Ridgefield Park, NJ 07660
Customer Care Center	1-800-SAMSUNG (726-7864)	1-800-SAMSUNG (726-786
Web Site	www.samsung.com/ca/ support (English) www.samsung.com/ca_fr/ support (French)	www.samsung.com/us/ support



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🖏 This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons

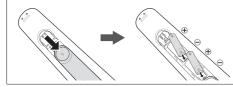


This remote control has Braille points on the Power, Channel, and Volume buttons and can be used by visually impaired persons

- The button names above may differ from the actual names.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)	1366 x 768	1920 x 1080
IBM	640 x 350	31.469	70.086	25.175	+/-	✓	✓
IDIVI	720 x 400	31.469	70.087	28.322	-/+	✓	✓
	640 x 480	35.000	66.667	30.240	-/-	✓	✓
MAC	832 x 624	49.726	74.551	57.284	-/-	✓	✓
	1152 x 870	68.681	75.062	100.000	-/-		✓
	640 x 480	31.469	59.940	25.175	-/-	✓	✓
	640 x 480	37.861	72.809	31.500	-/-	✓	✓
	640 x 480	37.500	75.000	31.500	-/-	✓	✓
	800 x 600	37.879	60.317	40.000	+/+	✓	✓
	800 x 600	48.077	72.188	50.000	+/+	✓	✓
	800 x 600	46.875	75.000	49.500	+/+	✓	✓
	1024 x 768	48.363	60.004	65.000	-/-	✓	✓
	1024 x 768	56.476	70.069	75.000	-/-	✓	✓
	1024 x 768	60.023	75.029	78.750	+/+	✓	✓
ESA DMT	1152 x 864	67.500	75.000	108.000	+/+		✓
	1280 x 720	45.000	60.000	74.250	+/+	V	✓
	1280 x 800	49.702	59.810	83.500	-/+		V
	1280 x 1024	63.981	60.020	108.000	+/+		√
	1280 x 1024	79.976	75.025	135.000	+/+		✓
	1366 x 768	47.712	59.790	85.500	+/+	✓	~
	1440 x 900	55.935	59.887	106.500	-/+		~
	1600 x 900RB	60.000	60.000	108.000	+/+		✓
	1680 x 1050	65.290	59.954	146.250	./±		1

Installing batteries (Battery size: AAA)



NOTE

- Use the remote control within 23 feet from TV • Bright light may affect the performance of the remote control.
- Avoid use when nearby fluorescent lights or neon signs
- . The Color and shape may vary depending on the model.

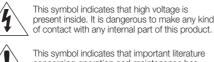
Warning! Important Safety Instructions

Please read the safety instructions below before installing and using the product.

CAUTION

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER ALL SERVICING TO QUALIFIED PERSONNEL

RISK OF ELECTRIC SHOCK, DO NOT OPEN



This symbol indicates that important literature concerning operation and maintenance has been included with this product.

- The slots and openings in the cabinet and in the back or bottom are provided for necessary ventilation. To ensure reliable operation of this
 apparatus, and to protect it from overheating, these slots and openings must never be blocked or covered. - Do not cover the slots and openings with a cloth or other materials
- Do not block the slots and openings by placing this apparatus on a bed, sofa, rug or other similar surface. Do not place this apparatus in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
- Do not place this apparatus near or over a radiator or heat register, or where it is exposed to direct sunlight.
- Do not place a vessel containing water (vases etc.) on this apparatus, as this can result in a risk of fire or electric shock.
- Do not expose this apparatus to rain or place it near water (near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool etc.). If this apparatus accidentally gets wet, unplug it and contact an authorized dealer immediately
- Make sure to pull out the power cord from the outlet before cleaning.
- This apparatus use batteries. In your community, there might be regulations that require you to dispose of these batteries properly to protect the environment. Please contact your local authorities for disposal or recycling information
- Do not overload wall outlets, extension cords, or adaptors beyond their capacity, since this can result in fire or electric shock. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay
 particular attention to cords at the plug end, where connected to adaptors, and at the point where they exit from the apparatus.
- To protect this apparatus from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet
 and disconnect the antenna or cable system. This will prevent damage to the set due to lightning and power line surges.
- Before connecting the AC power cord to the DC adaptor outlet, make sure the voltage designation of the DC adaptor corresponds to the local
- Never insert anything metallic into the open parts of this apparatus. Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of this apparatus. Only a qualified technician should open this apparatus. • Make sure to plug the power cord in until it is firmly inserted. Pull on the plug, not the cord, when removing the power cord from the outlet. Do
- If this apparatus does not operate normally in particular, if there are any unusual sounds or smells coming from it unplug it immediately and contact an authorized dealer or service center.
- Be sure to pull the power plug out of the outlet if the TV is to remain unused or if you are to leave the house for an extended period of time especially when children, elderly or disabled people will be left alone in the house - Accumulated dust can cause an electric shock, an electric leakage, or a fire by causing the power cord to generate sparks and heat
- Be sure to contact an authorized service center, when installing your set in a location with heavy dust, high or low temperatures, high humidity. emical substances or where it will operate for 24 hours a day such as in an airport, a train station, etc. Failure to do so may cause seriou
- Use only a properly grounded plug and receptacle - An improper ground may cause electric shock or equipment damage. (Class I Equipment only.)
- To turn off the apparatus completely, you must pull the power plug out of the wall socket. Consequently, the power plug should be readily accessible at all times. . Do not allow children to hang onto the product.
- Store the accessories (batteries, etc.) in a location safely out of the reach of children. • Do not install the product in an unstable location such as a shaky self, a slanted floor, or a location exposed to vibration.
- Do not drop or impart a shock to the product. If the product is damaged, disconnect the power cord and contact a service center.
- To clean the product, unplug the power cord from the power outlet and wipe the product using a soft cloth dipped in a small amount of water Do not use any chemicals such as wax, benzene, alcohol, thinners, insecticide, air freshener, lubricant or detergent. This may damage the
- appearance or erase the printing on the product. . Do not expose the apparatus to dripping or splashing
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or overheat the batteries
- There is a danger of explosion if you replace the batteries with the wrong type of battery. Replace only with the same or equivalent type
- WARNING TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL

□ Seeing Channels

Channel List

Add, delete or set Favorite channels and use the program guide for digital broadcasts. Select a channel in the **All Channels**, **Added** Channels, Favorite or Programmed screen by pressing the ▲/▼ buttons, and pressing the ENTER button. Then you can watch the selected channel.

- 🍇 All Channels: Shows all currently available channels
- ★ Added Channels: Shows all added channels.
- ♥ Favorite: Shows all favorite channels.
- Using the remote control buttons with the Channel List • Green (Zoom): Enlarges or shrinks a channel number. Yellow (Select): Selects multiple channel lists. Select desired channels and press the Yellow button to set all the selected
- channels at the same time. The \checkmark mark appears to the left of 🞜 (Tools): Displays the Channel List option menu. (The Options

Channel Status Display icons

- \(\sigma : A \) channel selected.
 : A channel set as a Favorite.
- O: A reserved program.
 O: A program currently being broadcast.

■ Memorizing channels

Antenna (Switch to Cable / Switch to Air TOOLS 71) Before your television can begin memorizing the available channels, you ist specify the type of signal source that is connected to the TV (i.e. an **Air** or a **Cable** system).

Auto Program

lecting the Cable TV system: Selects the cable system. STD, HRC and IRC identify various types of cable TV systems Contact your local cable company to identify the type of cable system that exists in your particular area. At this point, the signal source has been selected.

After all the available channels are stored, it starts to remove scrambled channels. The Auto Program menu then reappears. Press the ENTER button to stop the channel store during Auto

How to Stop Auto Programming Press the ENTER button. 2. A message will ask Stop Auto Program?. Select Yes by pressing

3. Press the ENTER ₩ button

Other Features Clear Scrambled Channel

This function filters out scrambled channels after Auto Program is completed. This process may take up to 20~30 minutes Press the ENTER button to stop the Clear Scrambled

This function is only available in Cable mode.

Channel List

Channel List Option Menu Channel List → TOOLS

Set each channel using the ${\bf Channel\ List}$ menu options. Option menu items may differ depending on the channel status. ■ Add / Delete: Delete or add a channel to display the channels you

- All deleted channels will be shown on the All Channels menu.
- A gray-colored channel indicates the channel has been deleted.
- The **Add** menu only appears for deleted channels. Delete a channel from the Added Channels or Favorite menu in
- Add to Favorite / Delete from Favorite TOOLS: Set channels you watch frequently as Favorites. ■ Timer Viewing: You can set a desired channel to be displayed
- automatically at the set time; even when you are watching another channel. Set the current time first to use this function. Only memorized channels can be reserved.
- Reserved programs will be displayed in the Programmed menu When a digital channel is selected, press the ► (Next Program) button to view the digital program. If you select the ENTER (Schedule) button on the next program, you can set Timer
- Viewina directly. ■ Channel Name Edit: (analog channels only) Assign your own
- Select All: Select all the channels in the channel list.
- Deselect All: Deselect all the selected channels.
- You can only select Deselect All when one or more channels ■ Auto Program: Scans for a channel automatically and stores in the

Programmed (in Channel List)

Channel List → Programmed → TOOLSE

- Change Info: Change a show you have reserved to watch. ■ Cancel Schedules: Cancel a show you have reserved to watch.
- Information: Display a show you have reserved to watch. (You can also change the reservation Information.)
- Select All / Deselect All: You can select or deselect all channels in

Channel Mode

Change the channel mode directly between ${\bf Added\ Channels}$ and ${\bf Favorite\ Channels}.$ The Favorite Channels is enabled only when you set Add to

Fine Tune

(analog channels only)

Favorite.

If the reception is clear, you do not have to fine tune the channel, a this is done automatically during the search and store operation. If the signal is weak or distorted, fine tune the channel manually.

Fine tuned channels that have been saved are marked with an asterisk "*" on the right-hand side of the channel number in the

channel banner. To reset the fine-tuning, select Reset.

Getting Started

Accessories

Owner's Instructions

- Remote Control & Batteries (AAA x 2) Warranty Card / Regulatory Guide

Make sure you have the correct cable before plugging it in. Illustrations of common plugs and jacks are shown below.

Wall Mount Adapter (4EA) AC/DC Adapter

damage the TV port.

Do not plug in opposite or wrong direction. It could

Input Cables (Sold Separately)

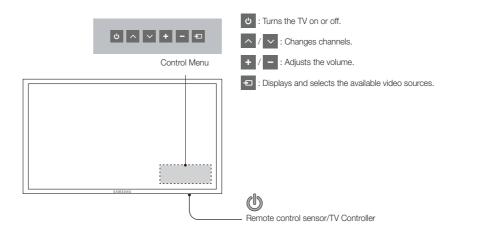
 Audio ComponentCoaxial (RF) HDMI Composite (AV) HDMI-DVI

Cable Plugs Ports/Jacks HDMI USB

Do not plug cables in upside down. Be sure to check the orientation of the plug before plugging it in.

TV Controller

The TV's Controller on the bottom right side of the TV, lets you control the TV without the remote control.



- The product color and shape may vary depending on the model.
- You cannot input the numbers by pressing the TV's controller. If you press it first, the control menu appears. You can select the function by pressing and holding the TV's controller
- With the TV's Controller, you cannot perform other operations except for turning the TV on or off, changing the channel, adjusting the volume and switching the input source.

Plug & Play (Initial Setup)

When you turn the TV on for the first time, a sequence of screens and on-screen prompts will assist you in configuring the TV's basic settings. Press ne PÓWER button. Plug & Play is available only when the Input source is set to TV. Set the initial setup following instructions that the TV guides. Connecting the power cord and antenna. (refer to 'Connections')

Picture Menu Mode TOOLS₁□

elect your preferred picture type.

- Standard.
- Dynamic: Suitable for a bright room. ■ Standard: Suitable for a normal environment
- Movie: Suitable for watching movies in a dark room.

■ Entertain: Suitable for watching movies and games Backlight / Contrast / Brightness / Sharpness /

Color / Tint (G/R) Your television has several setting options for picture quality control When connecting a PC, you can only make changes to Backlight,

Advanced Settings

(available in Standard / Movie mode)

Contrast, Brightness and Sharpness.

- Compared to previous models, new Samsung TVs have a more precise When connecting a PC, you can only make changes to Gamma and
- White Balance. ■ Dynamic Contrast: Adjusts the screen contrast
- Black Tone: Selects the black level to adjust the screen depth. ■ Flesh Tone: Emphasize pink "flesh tone". ■ Color Space: Adjusts the range of colors available to create the
- White Balance: Adjusts the color temperature for a more natural R-Offset / G-Offset / B-Offset: Adjusts each color's (red, green, blue R-Gain / G-Gain / B-Gain: Adjusts each color's (red, green, blue)
- Gamma: Adjusts the primary color intensity.
- Motion Lighting: Reduce power consumption by brightness control 100Hz / 300Hz / 1kHz / 3kHz / 10kHz (Bandwidth Adjustment): Available in Standard mode only

Picture Options

- When connecting a PC, you can only make changes to the Color Tone, Size, and HDMI Black Level. Color Tone
- Warm1 or Warm2 will be deactivated when the picture mode is ■ Size: Your cable box/satellite receiver may have its own set of screen sizes as well. However, we highly recommend you use 16:9 mode

Wide Fit: Enlarges the aspect ratio of the picture to fit the entire

image retention (screen burn) which are not covered by the

- most of the time. 16:9: Sets the picture to 16:9 wide mode. Zoom1: Use for moderate magnification.
- 4:3: Sets the picture to basic (4:3) mode. Do not watch in 4:3 format for a long time. Traces of borders displayed on the left, right and center of the screen may cause

Zoom2: Use for a stronger magnification.

- Screen Fit: (DTV) Displays the full image without any cut-off when HDMI (720p / 1080i / 1080p) or Component (1080i / 1080p) signals are inputted. HD (High Definition): 16:9 - 1080i/1080p (1920x1080), 720p
- Settings can be adjusted and stored for each external device you have connected to an input on the TV.

Picture Sizes available by Input Source

TV, AV, Component (480i, 480p) 16:9, Zoom1, Zoom2, 4:3 16:9, Wide Fit, 4:3, Screen Fit (80p), HDMI (720p, 1080i, 1080p)

- Digital Clean View: If the broadcast signal received by your TV is eak, you can activate the Digital Clean View feature to reduce any static and ghosting that may appear on the screen
- When the signal is weak, try other options until the best picture ■ HDMI Black Level: Selects the black level on the screen to adjust the
- Available only in HDMI mode (RGB signals).
- signals from all sources and adjusts the picture for optimum quality. Available in ATV, DTV(interlace), AV, COMPONENT (480i / 1080i) and HDMI (480i / 1080i). ■ Motion Lighting: When on, the TV automatically adjusts the

■ Film Mode: Sets the TV to automatically sense and process film

brightness of the screen in response to the brightness of the room. In bright light, the screen brightens. In dim light, the screen dims. Picture Reset

Resets your current picture mode to its default settings. ■ Reset Picture Mode: Returns all picture values in the currently

selected mode to the default settings. Sound Menu

- Mode TOOLS, ■ Standard: Selects the normal sound mode
- Music: Emphasizes music over voices. ■ Movie: Provides the best sound for movies

■ Clear Voice: Emphasizes voices over other sounds. Equalizer

rd sound mode only)

DTS TruSurround

- Balance L/R: Adjusts the balance between the right and left speaker.
- Adjusts the level of specific bandwidth frequencies

■ Reset: Resets the equalizer to its default settings.

(standard sound mode only) DTS TruSurround is a patented DTS technology that solves the problem of playing 5.1 multichannel content over two speakers. TruSurround delivers a compelling, virtual surround sound experience through any two-speaker playback system, including internal television speakers. It is fully compatible with all multichannel formats

Preferred Language

(digital channels only) Digital-TV broadcasts are capable of simultaneous transmission of many audio tracks (for example, simultaneous translations of the program into foreign languages).

You can only select a language from among the ones being

broadcasted

date, request an upgrade.

Be sure to purchase a certified HDMI cable. Otherwise, the picture

may not display or a connection error may occur.

AV Device (3)

Using a Componer

Changing the Input Source

ray player / cable box / STB satellite receiver.

■ TV / AV / Component / HDMI1 / HDMI2/DVI

are having difficulty receiving a stereo signal.

ısually a foreign-language transİation

or content so the level remains the same.

depending on the input source.

■ Stereo: Choose for channels that are broadcasting in stereo

■ SAP: Choose to listen to the Separate Audio Program, which is

Depending on the program being broadcast, you can listen to Mono, Stereo or SAP.

Automatically adjusts the volume level when you change video sources

The SPDIF (Sony Philips Digital InterFace) outputs an uncompressed

■ Audio Format: You can select the Digital Audio output (SPDIF) format. The available Digital Audio output (SPDIF) format may differ

■ Audio Delay: Lets you correct timing mismatches between the audio

track and the video when you are watching the TV and listening to digital audio output from the TV through an external device such as an AV receiver. When you select **Audio Delay**, a slider appears. Use

the left and right arrow buttons to adjust the slider. Press $\mbox{ENTER}\, \blacksquare$

and MUTE buttons will not operate and the sound settings will be

Adds verbal description to the main audio to help the visually impaired.

the main speaker and the audio receiver. In this case, set the TV to

When Speaker Select is set to External Speaker, the volume

When Speaker Select is set to External Speaker

TV Speaker: Off, External Speaker: On

• TV Speaker: Off, External Speaker: On

If there is no video signal, both speakers will be mute.

■ Reset All: Resets all sound settings to the factory defaults

n the Source List, connected inputs will be highlighted.

. Select a desired external input source

1. Press the SOURCE button.

Multi-Track Sound

(analog channels only)

Auto Volume

SPDIF Output

Speaker Select

External Speaker

Visual Impaired

(digital channels only)

Sound Reset

Dolby Digital Comp

Set Dolby Digital compression mode.

Source List

an HDMI cable.

- For the best picture and audio quality, connect digital devices using
 For an HDMI to DVI cable connection, you must use the HDMI IN If you connect an external device to the TV that uses an older version.
- 2 (DVI) port. Connecting through the HDMI cable may not be supported of HDMI, the video and audio may not work. If this occurs, ask the

 - depending on the PC.

 - . If an HDMI to DVI cable is connected to the HDMI IN 2 (DVI) port
- manufacturer of the device about the HDMI version and, if it is out of
 - the audio does not work.
 - For Set-top box connection using HDMI cable, we highly recommend you to connect the HDMI IN 1 (STB) port.

• PC/DVI AUDIO IN input is not supported. Blu-ray player / DVD / AV Device (1) cable box / sat box Using an HDMI Cable (up to 1080p) DVI OUT Digital Audio Syste Using an HDMI Cable or an HDMI to DVI Cable. Use the PC speakers for audio. Audio Device TV Rear Panel Using an Optical DIGITAL AUDIO OUT (OPTICAL) Media Play Using a USB Drive AUDIO OUT COMPONENT OUT ANT IN DC 19V Blu-ray player

How to use Edi t Name dit Name lets you associate a device name to an input source. To access

Edit Name, press the TOOLS button in Source List. Name the device nnected to the input jacks to make your input source selection easie

VCR

AV Device (2)

- When connecting a PC to the HDMI IN 2(DVI) port with HDMI cable, you should set the TV to PC mode under Edit Name. Use to select TV or an external input source such as a DVD player / Blu-When connecting a PC to the HDMI IN 2(DVI) port with HDMI to DVI cable, you should set the TV to DVI PC mode under Edit Name.
- When connecting an AV devices to the HDMI IN 2(DVI) port with HDMI to DVI cable, you should set the TV to DVI mode under Edit You can only choose external devices that are connected to the TV. Information

You can see detailed information about the connected external device.

ANT OUT

■ Mono: Choose for channels that are broadcasting in mono or if you

Language Set the menu language.

Choose between English, Español, and Français. ☐ Setting the Time

The current time will appear every time you press the INFO button ■ Clock: Setting the clock is for using various timer features of the TV. If you disconnect the power cord, you have to set the clock again

Clock Mode: Set the current time manually or automatically. Clock Set: Set the Month, Day, Year, Hour, Minute and am/pm digital audio signal when you connect the digital audio jack on the back of the TV to a digital audio in jack on a receiver or home theater. Available only when Clock Mode is set to Manual. Time Zone: Select your time zone.

DST: (Daylight Saving Time) Switches the DST (Daylight Saving Time) DST and Time Zone function is only available when the Clock Mode is set to Auto.

Automatically shuts off the TV after a preset period of time. (30, 60, 90, 120, 150 and 180 minutes). To cancel the Sleep Timer, select Off.

■ Sleep Timer TOOLS;

Timer 1 / Timer 2 / Timer 3 Three different on / off timer settings can be made. You must set the A sound echo may occur due to a difference in decoding speed between clock first.

■ On Time / Off Time: Set the hour, minute, am/pm and Activate /

Inactivate. (To activate the timer with the setting you have chosen, set to Activate. ■ Volume: Set the desired volume level. ■ Contents: When the On Time is activated, you can turn on a specific

channel or play back contents such as photo or audio files. TV/USB: Select TV or USB (Make sure that an USB device) connected to your TV.)

Channel: Select the desired channel. - Music/Photo: Select the folder containing MP3/JPEG files on the

one folder of USB storage device is 2000. The media may not be playing smoothly when using the device

The maximum displayed number of files, including sub folders, in

■ Repeat: Select Once, Everyday, Mon~Fri, Mon~Sat, Sat~Sun or Manual to set at you convenience. If you select Manual, you can set up the day you want to activate the timer.

Game Mode When connecting to a game console such as PlayStation $^{\text{TM}}$ or $Xbox^{\text{TM}}$, you can enjoy a more realistic gaming experience by selecting the game

□ Other Features

Precautions and limitations for game mode To disconnect the game console and connect another external device, set Game Mode to Off in the setup menu.

 ${}^{\bullet}$ If you display the TV menu in ${\bf Game\ Mode},$ the screen shakes Game Mode is not available when the input source is set to TV

After connecting the game console, set Game Mode to On. Unfortunately, you may notice reduced picture quality.

Antenna: Displays the current antenna source.

Program Rating Lock The Program Rating Lock feature automatically locks out programs

that are deemed inappropriate for children. The user must enter a PIN (personal identification number) before any of the Program Rating Lock estrictions are set up or changed.

Note: Program Rating Lock is not available in HDMI or Component

The default PIN number of a new TV set is "0-0-0-0". ■ Program Rating Lock: You can block rated TV Programs. ■ TV Parental Guidelines: You can block TV programs depending on heir rating. This function allows you to control what your children are

■ MPAA Rating: You can block movies depending on their MPAA rating. The Motion Picture Association of America (MPAA) has implemented a rating system that provides parents or guardians with advanced information on which films are appropriate for children ■ Canadian English: You can block TV programs depending on their

■ Canadian French: You can block TV programs depending on their

■ Downloadable U.S. Rating: Parental restriction information can be

sed while watching DTV channels. ■ Change PIN: The Change PIN screen will appear. Choose any 4 digits for your PIN and enter it in Enter New PIN. Re-enter the same 4 digits

Self Diagnosis

in Confirm New PIN. When the Change PIN screen disappears, press the OK button. The TV has memorized your new PIN. If you forget the PIN, press the remote-control buttons in the following sequence, which resets the pin to "0-0-0-0": POWER (off)

 \rightarrow MUTE \rightarrow 8 \rightarrow 2 \rightarrow 4 \rightarrow POWER (on)

Caption

(On-Screen Text Messages)

■ Caption: You can switch the caption function on or off. If captions are ot available, they will not be displayed on the screen. The Caption feature does not work in Component or HDMI

■ Caption Mode: You can select the desired caption mode. Default / CC1~CC4 / Text1~Text4: (analog channels only) The Analog Caption function operates in either analog TV channel mode or when a signal is supplied from an external device to the TV. (Depending on the broadcasting signal, the Analog Caption function may or may not work with digital channels.) Default / Service1~Service6 / CC1~CC4 / Text1~Text4: (digital

channels only) The Digital Captions function works with digital Service1~6 may not be available in digital caption mode

depending on the broadcast. ■ Digital Caption Options: (digital channels only) Size: Options include Default, Small, Standard and Large. The default

Font Style: Options include Default and Styles 0 to 7. The default is

Foreground Color: Options include Default, White, Black, Red, Green, Blue, Yellow, Magenta and Cyan. You can change the color of the letter. The default is White. Background Color: Options include Default, White, Black, Red Green, Blue, Yellow, Magenta and Cyan. You can change the background color of the caption. The default is Black. Foreground Opacity: This adjusts the opacity of text. Options include Default, Transparent, Translucent, Solid and Flashing. Background Opacity: This adjusts the opacity of the caption background. Options include Default, Transparent, Translucent, Solid

Return to Default: This option sets each Size, Font Style, Foreground Color, Background Color, Foreground Opacity and Background Opacity to its default. Digital Caption Options are available only when Default and

com, then click on Support, or call Samsung customer service at 1-800-SAMSUNG.

Possible Solution

he TV to make sure there are no device issue

uld check before calling for a repair

If the test is ok, try making sure:

Service1 ~ Service6 can be selected in Caption Mode. The Foreground and Background cannot be set to have the same

Troubleshooting

Flickering and Dimming

Component Connections

Screen Brightness

Unwanted Powering off

Cannot find channel

Poor picture

Problem

Boot Logo

Enable/disable displaying the logo while the TV starts up.

Eco Solution

■ Energy Saving: This adjust the brightness of the TV in order to reduce power consumption. If you select **Picture Off**, the screen is turned off, but the sound remains on. Press any button except volume button to turn on the screen.

■ No Signal Power Off: Sets how quickly the TV switches to standby mode, if no picture is being received. Disabled when the PC is in power saving mode. ■ Auto Power Off: The TV will be automatically turned off when no user operation is received for 4 hours.

Auto Protection Time If the screen remains idle with a still image for a certain period of

time defined by the user, the screen saver is activated to prevent the formation of ghost images on the screen.

Support Menu

■ Sound Test: Use the built-in melody sound to check for sound

■ Signal Strength: (digital channels only) An HD channel's reception quality is either perfect or the channels are unavailable. Adjust your antenna to increase signal strength.

■ Reset: Reset all settings to the factory defaults The PIN input screen appears before the setup screen Enter your 4-digit PIN. Change the PIN using the Change PIN

Software Upgrade Software Upgrade can be performed by downloading the latest

Use Mode

You can turn the TV into a display model for retail environments by setting Use Mode to Store Demo For all other uses, select Home Use

With Store Demo, some functions are disabled, and the TV automatically resets itself after a preset amount of time.

firmware from samsung.com to a USB memory device.

HD Connection Guide Refer to this information when connecting external devices to the TV.

Contact Samsung

View this information when your TV does not work properly or when you want to upgrade the software. You can find information regarding our cal centers and how to download products and software.

Enjoy photos, music and/or movie files saved on a USB Mass Storage Class (MSC) device.



Connecting a USB Device

1. Turn on your TV.

If the TV seems to have a problem, first review this list of possible problems and solutions. If none of these troubleshooting tips apply, visit samsung

Self Diagnosis : MENU → Support → Self Diagnosis → Picture Test

jack on the TV, the red Pr jack on the source to the red Pr jack on the TV.

still on but, turns it off after a certain period of time so as not to waste energy

Auto Power Off : MENU → Setup → Eco Solution → Auto Power Off

creen displays the guide or info data, the problem is caused by the box.

Go to MENU - Support - Self Diagnosis - Picture Test

First, perform the Picture Test and to see if your TV is properly displaying the test image

If you have any trouble to assemble the stand though you refer to "Install the Stand" mentioned at separat

• No Signal Power Off : MENU \rightarrow Setup \rightarrow Eco Solution \rightarrow No Signal Power Off

Sleep Timer : MENU → Setup → Time → Sleep Timer

 $\ \, \mathsf{Energy Saving} : \mathsf{MENU} \to \mathsf{Setup} \to \mathsf{Eco Solution} \to \mathsf{Energy Saving} \to \mathsf{Select Settings}$

Connect a USB device containing photo, music and/or movie files to the USB jack on the side of the TV.

3. When USB is connected to the TV, you can select Media Play (USB) in Applications menu.

☐ Using the Media Play Menu

Press the MENU button. Press the ▲ or ▼ button to select Applications, then press the ENTER button.

2. Press the ▲ or ▼ button to select Media Play (USB), then press the 2. Press the ◄/▶/▲/▼ buttons to select the desired video in the file ENTER button. 3. Press the ◀ or ▶ button to select an icon (Videos, Music, Photos, 3. Press the ENTER → button or ▶ (Play) button.

Settings), then press the ENTER button. It might not work properly with unlicensed multimedia files Need-to-Know List before using Media Play (USB)

· Supported file systems are FAT and NTFS. Certain types of USB Digital camera and audio devices may not be compatible with this TV. Media Play only supports USB Mass Storage Class (MSC)

devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives and Flash Card Readers. Devices should be connected directly to the TV's USB port, USB HDD is not supported. Before connecting your device to the TV, please back up your files

to prevent them from damage or loss of data. SAMSUNG is not sponsible for any data file damage or data loss. · A USB device that requires high power (more than 0.5A) may not

 Do not disconnect the USB device while it is loading. • The higher the resolution of the image, the longer it takes to

display on the screen. The maximum supported JPEG resolution is 15360 x 8640 pixels. • If a file is corrupted or the TV does not support the file type, the ot Supported File Format" message appears.

 The TV cannot play MP3 files with DRM that have been downloaded from a for-pay site. Digital Rights Management (DRM) is a technology that supports the creation, distribution, and management of digital content in an integrated and comprehensive way, including protecting the rights and interests of content providers, preventing illegal copying of contents, and

PTP device is not supported. If an over-power warning message is displayed while you are connecting or using a USB device, the device may not be recognized or may malfunction.

managing billings and settlements.

e TV has no input during the time set in Auto Protection Time, the Screensaver will run. • The power-saving mode of some external hard disk drives may be released automatically when your connect them to the TV.

USB device or may not be able to read the files on the device. If a USB device connected to the TV is not recognized, the list of files on the device is corrupted, or a file in the list is not played, connect the USB device to a PC, format the device, and check the connection

• If a file you deleted from the PC is still found when you run Media Play, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.

If you use a USB extension cable, the TV may not recognize the

 Photos only supports sequential jpeg format. The scene search and thumbnail functions are not supported in

 If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not appear and some folders may not be opened.

 The maximum displayed number of files, including sub folders, in one folder of USB storage device is 2000. The media may not be playing smoothly when using the device lower than USB 2.0.

button in the Media Play menu

Press the **◄/▶** buttons to select **Videos**, then press the **ENTER ఆ**

The selected file is displayed on the top with its playing time. If video time information is unknown, playing time and the progress bar are not displayed.

 During video playback, you can search using the ◄/▶ buttons. In this mode, you can play movie clips contained in a game, but you Supported Subtitle Formats

External

Name	Co	Container Format			
Internal					
Advanced SubStation Alph	а	.ass			
SubStation Alpha		.ssa			
Micro DVD		.sub or .txt			
SubViewer	ubViewer .sub		.sub		
SubRip		.srt			
SAMI		.smi			
MPEG-4 timed text		.ttxt			

	ivanie		Container	Container				
	Xsub		AVI			Picture Format		
SubStation Alpha			MKV			Text Format		
Advanced SubStation Alpha			MKV			Text Format		
	SubRip		MKV	MKV Text Format			ormat	
N	IPEG-4 Time	ed text	MP4		Text Format			
pported Video Formats								
le	Containor	Vidoo Codoo	Posolution .	Fran	ne	Bit rate	Audio	

File Extension	Container	Video Codec	Resolution	Frame rate(fps)	Bit rate (Mbps)	Audio Codec
	AVI	Motion JPEG	640x480		8	
*.avi *.mkv		H.264 BP/ MP/HP		MAX 30	30	
*.asf *.wmv		H. 264 BP / MP / HP				AC3
*.mp4 *.mov *.3gp	MKV ASF	Divx 3.11 / 4 / 5 / 6				ADPCM (IMA, MS) AAC HE-AAC WMA DD+ MPEG(MP3)
*.vro *.mpg	MP4 3GP MOV FLV VRO VOB PS TS	MPEG4 SP/ ASP	1920x1080			
*.mpeg *.ts		Window Media Video v9(VC1)				
*.tp *.trp *.mov *.flv *.vob		MPEG2				DTS (Core , LBR) G.711(A- Law, µ-Law)
*.svi *.divx		MPEG1				
*.webm	WebM	VP8	1920x1080	6~30	20	Vorbis

• Codecs may not function properly if there is a problem with the content. • CMYK and YCCK Color space JPEGs are not supported. · Video content does not play or does not play correctly if there is an

error in the content or container. Sound or video may not work if they have standard bit rates/frame rates above the TV's compatibility ratings.

• If the Index Table is has an error, the Seek (Jump) function will not work. 2. Repeat the above operation to select multiple files.

When playing video over a network connection, the video may not play
 NOTE

smoothly because of data transmission speeds.

Some USB/digital camera devices may not be compatible with the TV. • While the TV is playing a video at the bit rate of 10 Mbps or higher, the menu screens may be displayed slowly.

Video Decoder Supports up to H.264, Level 4.1

H.264 FMO / ASO / RS, VC1 / AP L4 are not supported. GMC 2 or above is not supported.

WMA 10 Pro supports up to 5.1 channels. Supports up to the M2 profile. WMA lossless audio is not supported.

QCELP and AMR NB/WB are not supported. Vorbis is supported for up to 2 channels. Dolby Digital Plus is supported for up to 5.1 channels The DTS LBR codec is only available for MKV / MP4 /TS containers

Music

 Press the ◀/▶ buttons to select Music, then press the ENTER ◄ button in the Media Play menu. 2. Press the ◀/▶/▲/▼ buttons to select the desired Music in the file

3. Press the ENTER → button or ► (Play) button. During music playback, you can search using the ◄/► buttons. (REW) and FF (FF) buttons do not function during play.

Photos

1. Press the ◀/▶ buttons to select Photos, then press the ENTER ☐ button in the Media Play menu.

3. Press the ENTER → button or ▶ (Play) button.

NOTE - While a photo list is displayed, press the ► (Play) / ENTER 🔫

- All files in the file list section will be displayed in the slide show - During the slide show, files are displayed in order.

You can move to other file using the ◀/▶ buttons.

Image	Photo	Resolution
JPEG	Base-line	15360 x 8704
	Progressive	1024 x 768

Playing Multiple Files

To deselect all selected files, press the TOOLS button and select

Press the TOOLS button, and then select Play Selected Contents.

1. While a file list is displayed, move to any file in desired group.

ou can move the other file

u can play movie and music files

ou can adjust the picture size to

You can play the video with Subtitles. This function only work the subtitles are the same file name as the video.

ou can select the digital audio

u can change the audio guage if the video has more n one language.

can start or stop a Slide Sho

u can select the slide show

ou can zoom into images in full

ou can see detailed information

ou can rotate images in full

eed during the slide show

ou can set and select

Slide Show.

You can adjust the picture setting.

Sound Mode You can adjust the sound setting.

2. Press the TOOLS button, and then select Play Folder

■ Playing selected video/music/photo files

■ Playing the video/music/photo file group

■ Videos/Music/Photos Play Option menus

When playing a file, press the TOOLS button

Media Play - Additional Functions

Category

Picture Size

Audio Format

Stop Slide

Slide Show

Rotate

Start Slide Sho

Title

1. Press the Yellow button in the file list to select the desired file. - The ✓ mark appears to the left of the selected files - To cancel a selection, press the Yellow button again.

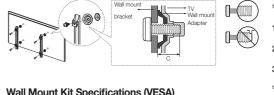
Other Information

Using the Setup Menu

Settings

Installing the Wall Mount Kit The wall mount kit (sold separately) allows you to mount the TV on the

For detailed information on installing the wall mount, see the instructions provided with the wall mount items. Contact a technician for assistance when installing the wall mount bracket. Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the wall mount on your own.



The wall mount kit is not supplied, but sold separately

nstall your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer If you install the TV on a ceiling or slanted wall, it may fall and result in evere personal injury. NOTE

· Standard dimensions for wall mount kits are shown in the table . When purchasing our wall mount kit, a detailed installation manual

and all parts necessary for assembly are provided.

Do not use screws that do not comply with the VESA standard screw specifications • Do not use screws that are longer than the standard dimension or do not comply with the VESA standard screw specifications.

ws that are too long may cause damage to the inside of the For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on

the wall mount specifications. Do not fasten the screws too firmly. This may damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.

 Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.

. Do not mount the TV at more than a 15 degree till

Always have two people mount the TV on a wall

■ DivX® Video On Demand: Shows the registration code authorized for the TV. If you connect to the DivX web site and register with 10-digit registration code, you can download the VOD activation file. Once you play it using Media Play, the registration is completed. For more information on DivX® VOD, visit "http://vod.divx.com"

■ Information: Select to view information on the connected device.

LED-TV

32



vesa screw hole specs (A * B) in

200 X 200

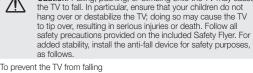
C (mm)

31.3 ~ 32.3

Do not install your Wall Mount Kit

result in personal injury due to

while your TV is turned on. It may



electric shock

Since the necessary clamps, screws, and string are not supplied,

please purchase these additionally.

Drive the screws into the clamps and firmly fasten them onto the wall. Make sure the screws are firmly fixed into the wall.

Remove the screws from the back center of the TV, but the screws into the clamps, and then fasten the screws onto the TV again

3. Connect the clamps fixed onto the TV and the clamps fixed onto the

wall with a strong cable and then tie the string tightly. Verify all connections are properly secured. Periodically check the connections for any sign of fatigue or failure. If you have any doubt

about the security of your connections, contact a professional Install the TV close to the wall so that it does not fall.

It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV. Untie the string before moving the TV. Kensington Lock

The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. Refer to the manual provided with the Kensington Lock for additional information on Please find a "@" icon on the rear of the TV. The Kensington slot is beside the "₪" icon

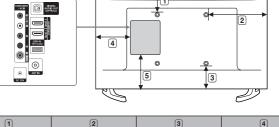
The position and color may differ depending on the model.

- 12 -

Environmental Considerations 50°F to 104°F (10°C to 40°C) Operating Temperature 10% to 80%, non-condensing Operating Humidity -4°F to 113°F (-20°C to 45°C) Storage Temperature Storage Humidity 5% to 95% non-condensing Model Name UN32J4000 UN32J5003 Display Resolution 1366 x 768 1920 x 1080 Screen Size 32" Class 32" Class (Diagonal) (31.5" measured diagonally (31.5" measured diagonally Output Dimensions (W x H x D) 29.3 x 17.4 x 2.7 inches 29.1 x 17.1 x 2.7 inches Body (741.0 x 436.0 x 69.0 mm) (745.4 x 442.2 x 69.0 mm) With stand 29.3 x 18.2 x 5.9 inches 29.1 x 18.4 x 5.7 inches (745.4 x 463.1 x 150.5 mm) (741.0 x 468.7 x 145.5 mm) Weight Without Stand 8.0 lbs (3.66 kg) 8.1 lbs (3.7 kg) With Stand 8.3 lbs (3.8 kg) 8.2 lbs (3.74 kg)

Design and specifications are subject to change without prior notice. The actual appearance of the TV may differ from the images in this manual, depending on the model.

Typical power consumption is measured according to Energy Star Program requirements for televisions. ■ JACK PANEL DETAIL / REAR VIEW



UN32J5003	4.2	10.6	4.7	7.9	6.4
E: All drawings ar	e not necessarily to	scale. Some dimens	sions are subject to	change without price	or notice. Refer
			91.1 6 1	1.0	

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Support → Support → Downloads) by USB. License dts

V Signal Strength is unavailable in the Self | This function is only available for digital channels from an Antenna / RF / Coax connection Diagnosis Test menu. TV is tilted to the right or left side. ove the stand base from the TV and reassemble it. The Channel menu is greyed ou (unavailable). If TV is in the Store Demo mode, it will reset audio and picture settings every 30 minutes. Please change from Store Demo mode to Home Use mode using the Plug & Play procedure. Press the SOURCE button to select TV mode, go to MENU → Setup → Plug & Play → ENTER . Your settings are lost after 30 minutes or every time the TV is turned off. Check the cable connections and reconnect them. You have intermittent loss of audio or video Loss of audio or video can be caused by using overly rigid or thick cables. Make sure the cables are flexible enough for long term use. If mounting the TV to the wall, we recommend using cables with 90 degree connector You see small particles when you look This is part of the product's design and is not a defect closely at the edge of the frame of the TV POP (TV's internal banner ad) appears on Select Home Use under Plug & Play mode. For details, refer to Plug & Play (Initial Setup) 🕲 This TFT LED panel uses a panel consisting of sub pixels which require sophisticated technology to produce. However, there may be a few bright or dark pixels on the screen. These pixels will have no impact on the performance of the produc Watch these troubleshooting on video at www.samsung.com/spsn. Some functions and pictures shown in this manual are available on specific models only.

Storage and Maintenance

If you attached some stickers on the TV screen, it remains some debris after removing the sticker. Please clean it to watch TV. The exterior and screen of the product can get scratched during cleaning. Be sure to wipe the exterior and screen carefully using a soft cloth to



product may cause a failure, fire, or electric



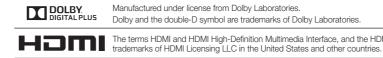
dampened with in a small amount of water. Do not use a flammable liquid (e.g. benzene, thinners) or a cleaning agent.

DIVX.

section of your device setup menu DivX Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of DivX, LLC and are used under license. Covered by one or more of the following U.S. patents: 7,295,673; 7,460,668; 7,515,710; 7,519,274.



Rights Reserved. For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, the Symbol,



To send inquiries and requests for questions regarding open sources, contact Samsung via Email (oss.request@samsung.com).

If the test image is properly displayed, the poor picture may be caused by the source or signal. The TV image does not look as good as it If you have an analog cable/satellite box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high did in the store Cable/Satellite subscribers: Try HD channels from the channel line up Air/Cable Antenna connection: Try HD channels after performing Auto program Many HD channels are up scaled from SD(Standard Definition) contents. Adjust the Cable/Set top box video output resolution to 1080i or 720p. The picture is distorted: macroblock error, . Compression of video contents may cause picture distortion, especially on fast moving pictures such as sports and action small block, dots, pixelization A weak signal can cause picture distortion. This is not a TV problem . Mobile phones used close to the TV (within 3.3ft) may cause noise in the picture on analog and digital channels If you're using a component connection, make sure the component cables are cor loose connections may cause color problems or a blank screen. Color is wrong or missing There is poor color or brightness Adjust the Picture options in the TV menu. (Go to Picture Mode / Color / Brightness / Sharpness) Adjust the Energy Saving option in the TV menu. (Go to MENU - Setup - Eco Solution - Energy Saving) Try resetting the picture to view the default picture setting. (Go to MENU - Picture - Picture Reset) There is a dotted line on the edge of the screen. If the picture size is set to Screen Fit, change it to 16:9. Change the cable/satellite box resolution.

If your Samsung Television is flickering or dimming sporadically, you may need to disable some of its energy efficient features like the **Energy Saving** feature. If you follow below step with your remote, you can turn these features off or on. or black and White, first run a Self Diagnosis on maximum volume. The picture is good but there is no sound. four connections are all consistent. For example, if you've used the AV In jack on your TV, make sure you have used the AV In jack on your video source. Try making sure you have connected to the correct jacks. For example, if you use the Component jacks, labeled Pb, Pr, and Y, to connect your TV and video source, make sure you have connected the blue Pb jack on the video source to the blue Pb No Picture, No Video If you find that the colors on your Samsung TV are correct but just a little too dark or bright, there are some settings you The TV will not turn on • Backlight, Contrast, Brightness, Sharpness, Color, Tint (G/R) and so on. Go in to "Picture" on user Menu then try If your Samsung TV appears to turn off by itself, there may be an issue with either your Timer settings or your Eco friendly **No Signal Power Off** feature. The TV turns off automatically irst make sure you Sleep Timer is not accidentally set. The sleep timer allows you the comfort of falling asleep with the TV If the Sleep Timer is not activated, you may have engaged the No Signal Power Off or Auto Power Off feature. Before Turn on check red light on the right or left bottom of your TV. Press power on button on TV or remote and it will blink about 5 times before turning on. If you find that you are having trouble powering on your Samsung television, there are a number of things to check before making a call to the service department. If you happen to be using the TV as a monitor and the stand-by light only blinks for a few seconds when you press the power button, your PC is in sleep mode. To take your PC out of sleep mode, press a key on your keyboard or move the mouse. Then try turning your TV on. RF(Cable/Antenna) Connection If you're sure your power cord, remote control, and PC are functioning properly, you may be having a cable issue. If you have a cable or satellite box, your TV may appear to be off because the cable or satellite box is not outputting a signal. To test the signal output of your cable or satellite box, press the guide or info button on the cable or satellite box remote control. If the No Caption on digital channels. Others Purple/green rolling horizontal bars and buzzing noise from the TV speakers with Component cable connection The picture will not display in full screen. The remote control does not work. · Replace the remote control batteries with correct polarity (+/-). The cable/set top box remote control does not turn the TV on or off, or adjust A "Mode Not Supported" message You cannot select Caption in the TV menu when watching content from a device connected via HDMI or Component. Caption on the TV menu is greved out

There is a plastic smell from the T

The picture is black and white.

connected to a cable box, please try to reset it. (Reconnect the AC cord and wait until the cable box reboots. It may take to 20 minutes) Set the output resolution of the cable box to 1080i or 720p First of all, please perform the Sound Test to confirm that your TV audio is properly operating. Sound Problem (Go to MENU - Support - Self Diagnosis - Sound Test) If the audio is OK, the sound problem may caused by the source or signal. There is no sound or the sound is too low at Please check the volume of the device (Cable/Sat Box, DVD, Blu-ray, etc.) connected to your TV. If you are using an external device, check the device's audio output option (ex. you may need to change your cable box's audio option to HDMI when you have a HDMI connected to your TV) Reboot the connected device by reconnecting the device's power cable. Check the cable connections. Make sure a video cable is not connected to an audio input. For Antenna or Cable connections, check the signal information. A weak signal may cause sound distortion. Perform the Sound Test as explained above. Make sure the AC power cord is securely plugged into the wall outlet and the TV.
 Make sure the wall outlet is working. Try pressing the POWER button on the TV to make sure the problem is not the remote If the TV turns on, refer to 'Remote control does not work' below. Ensure the Sleep Timer is set to Off in the Time menu. If your PC is connected to the TV, check your PC power settings · Make sure the AC power cord is plugged in securely to the wall outlet and the TV. is no signal. example, if an external device's output is HDMI, it should be connected to an HDMI input on the TV. Make sure your connected devices are powered on. Be sure to select the TV's correct source by pressing the SOURCE button on the remote control. Reboot the connected device by reconnecting the device's power cable. Please try Auto Program to add available channels to the channel list Verify the antenna is positioned correctly. Some channels may not have caption data. A weak signal can cause picture distortion. This is not a TV problem

 When you are watching TV connected to an antenna or cable connection, the TV will turn off after 10 - 15 minutes if there . Set your external device's (Cable/Sat Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For go to MENU - Channel - Auto Program then select Auto and make sure the correct Cable TV signal type is set in the menu. There are 3 options. (STD, HRC and IRC) The picture is distorted: macroblock, error, small block, dots, pixelization.

• Compression of video contents may cause picture distortion. Especially on fast moving pictures such as sports and action movies.

If you are using an AV composite input, connect the video cable (yellow) to the Green jack of component input 1 on the TV.

Remove the left and right audio connections from the set-top-box. If the buzzing stops, this indicates that the set-top-box has a grounding issue. Replace the Component video cables with an HDMI connection. HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) contents. Black bars on the Top & Bottom will be shown on movies that have aspect ratios different from your TV. Adjust the picture size option on your external device or change the TV to full screen.

 Clean the transmission window located on the top of the remote control Try pointing the remote directly at the TV from 5~6 feet away. Program the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set top box user manual for the SAMSUNG TV code. Check the supported resolution of the TV and adjust the external device's output resolution accordingly. Refer to resolution

This smell is normal and will dissipate over time.

Caption must be activated on the external device.

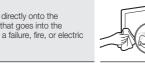
Only displays the files with MP3 file extensions. Other file extensions are not displayed, even if they are saved on the same USB device. If the sound is abnormal when playing MP3 files, adjust the Equalizer in the Sound menu. (An over-modulated MP3 file may

2. Press the ◀/►/▲/▼ buttons to select the desired photo in the file

button on the remote control to start the slide show

Supported Photo Formats

Do not spray water directly onto the



This DivX Certified® device has passed rigorous testing to ensure it plays DivX® video

Clean the product with a soft cloth

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the dimensions prior to performing installation of your TV. Not responsible for typographical or printed errors.

Model name

UN32J4000